

INTERNATIONAL SEARCH REPORT

Intern I Application No

PCT/US 03/28491

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01B3/00 H01B3/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 798 427 A (VOGEL ROBERT HAROLD ET AL) 25 August 1998 (1998-08-25) column 11, line 35 - line 43; claims 8,15-18 column 2, line 45 - line 52 ---	1-9
X	EP 0 743 327 A (UNION CARBIDE CHEM PLASTIC) 20 November 1996 (1996-11-20) claims 5,6,8-10 ---	1-9
X	US 5 998 558 A (ADAMS JAMES LAMONTE ET AL) 7 December 1999 (1999-12-07) claims 1,11,13,15,17 ---	1-9
X	EP 1 038 889 A (UNION CARBIDE CHEM PLASTIC) 27 September 2000 (2000-09-27) page 7, line 10 - line 13; claim 1 --- -/--	1

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

12 January 2004

Date of mailing of the international search report

20/01/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Marsitzky, D